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FILE 'HOME' ENTERED AT 11:46:18 ON 07 DEC 2005

=> FIL STNGUIDE

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'STNGUIDE' ENTERED AT 11:46:23 ON 07 DEC 2005
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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Dec 2, 2005 (20051202/UP).

=> FIL HOME

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.06	0.27

FILE 'HOME' ENTERED AT 11:46:28 ON 07 DEC 2005

=> ind all

FILE 'ENCOMPLIT2' ACCESS NOT AUTHORIZED

FILE 'ENCOMPPAT2' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.48

INDEX '1MOBILITY, 2MOBILITY, ABI-INFORM, ADISCTI, AEROSPACE, AGRICOLA,
ALUMINIUM, ANABSTR, ANTE, APOLLIT, AQUALINE, AQUASCI, AQUIRE, BABS,
BIBLIODATA, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS,
BIOTECHDS, BIOTECHNO, BLLDB, CABA, CANCERLIT, ...'

ENTERED AT 11:46:48 ON 07 DEC 2005

144 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0* with SET DETAIL OFF.

=> s (carbon(w)dating or radiocarbon(w)dating) AND enamel

```
      3  FILE BIOSIS
     11  FILE CAPLUS
    33  FILES SEARCHED...
    57  FILES SEARCHED...
      1  FILE ESBIODBASE
      1  FILE GEOREF
    76  FILES SEARCHED...
      2  FILE MEDLINE
    98  FILES SEARCHED...
      1  FILE PCTFULL
   120  FILES SEARCHED...
      5  FILE SCISEARCH
      2  FILE USPATFULL
   134  FILES SEARCHED...
```

8 FILES HAVE ONE OR MORE ANSWERS, 144 FILES SEARCHED IN STNINDEX

L1 QUE (CARBON(W) DATING OR RADIOCARBON(W) DATING) AND ENAMEL

=> d rank all

F1	11	CAPLUS
F2	5	SCISEARCH
F3	3	BIOSIS
F4	2	MEDLINE
F5	2	USPATFULL
F6	1	ESBIODBASE
F7	1	GEOREF
F8	1	PCTFULL
F9	0	1MOBILITY
F10	0	2MOBILITY
F11	0	ABI-INFORM
F12	0	ADISCTI
F13	0	AEROSPACE
F14	0	AGRICOLA
F15	0	ALUMINIUM
F16	0	ANABSTR
F17	0	ANTE
F18	0	APOLLIT
F19	0	AQUALINE
F20	0	AQUASCI
F21	0	AQUIRE
F22	0	BABS
F23	0	BIBLIODATA
F24	0	BIOBUSINESS
F25	0	BIOCOMMERCE
F26	0	BIOENG
F27	0	BIOTECHABS
F28	0	BIOTECHDS
F29	0	BIOTECHNO
F30	0	BLLDB
F31	0	CABA
F32	0	CANCERLIT
F33	0	CAOLD
F34	0	CASREACT
F35	0	CBNB
F36	0	CEABA-VTB
F37	0	CEN
F38	0	CERAB
F39	0	CHEMINFORMRX
F40	0	CHEMSAFE
F41	0	CIN
F42	0	CIVILENG
F43	0	COMPENDEX
F44	0	COMPUAB

F45	0	COMPUSCIENCE
F46	0	CONFSCI
F47	0	COPPERLIT
F48	0	CORROSION
F49	0	CROPB
F50	0	CROPU
F51	0	CSNB
F52	0	DDFB
F53	0	DDFU
F54	0	DETERM
F55	0	DGENE
F56	0	DISSABS
F57	0	DKF
F58	0	DPCI
F59	0	DRUGB
F60	0	DRUGU
F61	0	ELCOM
F62	0	EMA
F63	0	EMBAL
F64	0	EMBASE
F65	0	ENCOMPLIT
F66	0	ENCOMPPAT
F67	0	ENERGY
F68	0	ENTEC
F69	0	ENVIROENG
F70	0	EPFULL
F71	0	FOMAD
F72	0	FORIS
F73	0	FRANCEPAT
F74	0	FRFULL
F75	0	FROSTI
F76	0	FSTA
F77	0	GBFULL
F78	0	GENBANK
F79	0	HEALSAFE
F80	0	ICONDA
F81	0	IFICLS
F82	0	IFIPAT
F83	0	IMSDRUGNEWS
F84	0	INFODATA
F85	0	INIS
F86	0	INPADOC
F87	0	INSPEC
F88	0	INSPHYS
F89	0	INVESTEXT
F90	0	IPA
F91	0	ITRD
F92	0	JAPIO
F93	0	JICST-EPLUS
F94	0	KOREAPAT
F95	0	KOSMET
F96	0	LIFESCI
F97	0	LISA
F98	0	MATBUS
F99	0	MATH
F100	0	MECHENG
F101	0	METADEx
F102	0	NAPRALERT
F103	0	NIOSHTIC
F104	0	NLDB
F105	0	NTIS
F106	0	NUTRACEUT
F107	0	OCEAN
F108	0	PAPERCHEM2
F109	0	PASCAL

F110	0	PATDD
F111	0	PATDPA
F112	0	PATDPAFULL
F113	0	PATDPASPC
F114	0	PCTGEN
F115	0	PHARMAML
F116	0	PHIC
F117	0	PHIN
F118	0	PIRA
F119	0	POLLUAB
F120	0	PROMT
F121	0	RAPRA
F122	0	RSWB
F123	0	RUSSIAPAT
F124	0	SOLIDSTATE
F125	0	SOLIS
F126	0	SYNTHLINE
F127	0	TEMA
F128	0	TEXTILETECH
F129	0	TOXCENTER
F130	0	TRIBO
F131	0	TULSA
F132	0	TULSA2
F133	0	UFORDAT
F134	0	ULIDAT
F135	0	USPAT2
F136	0	VETB
F137	0	VETU
F138	0	WATER
F139	0	WELDASEARCH
F140	0	WPIDS
F141	0	WPIFV
F142	0	WPINDEX
F143	0	WSCA
F144	0	WTEXTILES

=> file caplus medline biosis
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
2.95	3.43

FULL ESTIMATED COST

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FILE 'BIOSIS' ENTERED AT 11:49:48 ON 07 DEC 2005
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=> s (carbon(w)dating or radiocarbon(w)dating) AND enamel
L2 16 (CARBON(W) DATING OR RADIOCARBON(W) DATING) AND ENAMEL

=> d scan

L2 16 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN
CC 20-3 (History, Education, and Documentation)
TI Inverse methods for estimating primary input signals from time-averaged
isotope profiles
ST radiocarbon dating tooth enamel paleodiet
hippopotamus
IT Diet
(ancient; inverse methods for estimating primary input signals from

time-averaged isotope profiles)

IT Bone
(archaeol.; inverse methods for estimating primary input signals from time-averaged isotope profiles)

IT Isotopes
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(carbon isotope profiles; inverse methods for estimating primary input signals from time-averaged isotope profiles)

IT Tooth
(enamel, formation (amelogenesis); inverse methods for estimating primary input signals from time-averaged isotope profiles)

IT Hippopotamus
Radiocarbon dating
Tooth
(inverse methods for estimating primary input signals from time-averaged isotope profiles)

IT Diet
(paleodiet; inverse methods for estimating primary input signals from time-averaged isotope profiles)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):15

L2 16 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN
CC 53-8 (Mineralogical and Geological Chemistry)
Section cross-reference(s): 20
TI ESR dating at Mezmaiskaya Cave, Russia
ST fauna Neanderthal hominin bone ESR age detn Mezmaiskaya Russia
IT Caves
ESR dating
Radiocarbon dating
Stalactites
Stalagmites
(age determination of faunal remains of Neanderthal hominins from the Mezmaiskaya (Russia) Cave, based on ESR data)

IT Limestone, occurrence
RL: GOC (Geological or astronomical occurrence); PRP (Properties); OCCU (Occurrence)
(age determination of faunal remains of Neanderthal hominins from the Mezmaiskaya (Russia) Cave, based on ESR data)

IT Groundwaters
(cave; age determination of faunal remains of Neanderthal hominins from the Mezmaiskaya (Russia) Cave, based on ESR data)

IT Bone
Skeleton
Skull
(human; age determination of faunal remains of Neanderthal hominins from the Mezmaiskaya (Russia) Cave, based on ESR data)

L2 16 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN
CC 20-3 (History, Education, and Documentation)
TI X-ray fluorescence characterization of the Corona Ferrea
ST Iron Crown art x ray fluorescence; metal glass enamel analysis
Iron Crown
IT Art
Enamels (vitreous)
Radiocarbon dating
(X-ray fluorescence characterization of the Corona Ferrea)

IT Glass, analysis
Metals, analysis
RL: AMX (Analytical matrix); ANST (Analytical study)
(X-ray fluorescence characterization of the Corona Ferrea)

IT Alloys, analysis
RL: ANT (Analyte); ANST (Analytical study)
(X-ray fluorescence characterization of the Corona Ferrea)

IT X-ray spectroscopy

(fluorescence; X-ray fluorescence characterization of the Corona Ferrea)

IT Fluorometry
 (x-ray; X-ray fluorescence characterization of the Corona Ferrea)

IT 7439-89-6, Iron, occurrence 7439-96-5, Manganese, occurrence
 7440-09-7, Potassium, occurrence 7440-22-4, Silver, occurrence
 7440-24-6, Strontium, occurrence 7440-31-5, Tin, occurrence 7440-36-0,
 Antimony, occurrence 7440-48-4, Cobalt, occurrence 7440-50-8, Copper,
 occurrence 7440-57-5, Gold, occurrence 7440-66-6, Zinc, occurrence
 7440-70-2, Calcium, occurrence
 RL: OCU (Occurrence, unclassified); OCCU (Occurrence)
 (X-ray fluorescence characterization of the Corona Ferrea)

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CC 20-3 (History, Education, and Documentation)

TI Carbon isotopic evidence for the emergence of C4 plants in the Neogene
 from Pakistan and Kenya

ST **radiocarbon dating** C4 plant Neogene paleoenvironment

IT Apatite-group minerals
 RL: MSC (Miscellaneous)
 (**radiocarbon dating** of, C4 plants emergence in
 Neogene in relation to)

IT Plant
 (C4, emergence of, in Neogene, carbon isotopic evidence for)

IT Ecology
 (ecosystem, grassland, in Neogene from Pakistan and Kenya, C4 plants
 emergence in)

IT Environment
 (paleo-, C4 plants emergence in Neogene from Pakistan and Kenya in
 relation to)

IT Geological age determination
 (radiocarbon, of C4 plants emergence in Neogene from Pakistan and
 Kenya)

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TI ISOTOPIC EVIDENCE FOR DIETARY DIFFERENCES BETWEEN TWO EXTINCT BABOON
 SPECIES FROM SWARTKRANS SOUTH AFRICA.

IT Miscellaneous Descriptors
 PAPIO-ROBINSONI THEROPITHECUS-DARTI TOOTH **ENAMEL** GRAZING
 BROWSING **CARBON DATING** PLEISTOCENE SOUTH AFRICA;
 Fossil

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CC 20-3 (History, Education, and Documentation)
 Section cross-reference(s): 13, 18, 53

TI Early Pliocene hominids from Gona, Ethiopia

ST archaeol paleontol fossil bone tooth diet Pliocene hominid Ethiopia

IT Archaeology
 Argon-argon age
 Bovidae
 Diet
 Elephantidae
 Embryophyta
 Fossils
 Geological dating
 Geological sediments
 Giraffidae
 Hippopotamidae
 Paleontology
 Radiocarbon age
Radiocarbon dating
 Rhinocerotidae
 Tragelaphus
 (Early Pliocene hominids from Gona, Ethiopia)

IT Fossils

(bone; Early Pliocene hominids from Gona, Ethiopia)

IT Tooth
(**enamel**; Early Pliocene hominids from Gona, Ethiopia)

IT Evolution
(mol.; Early Pliocene hominids from Gona, Ethiopia)

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CC 20-0 (History, Education, and Documentation)
TI Chronometric Dating in Archaeology: A Review
ST review archaeol **radiocarbon dating** history
IT Archaeology
History
Radiocarbon dating
(chronometric dating in archaeol.)

L2 16 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN
CC 20-3 (History, Education, and Documentation)
TI Is tooth **enamel** carbonate a suitable material for
radiocarbon dating?
ST ancient tooth **enamel radiocarbon dating**
IT Archaeology
(**radiocarbon dating** of tooth **enamel**
carbonate)
IT Carbonates, miscellaneous
RL: MSC (Miscellaneous)
(**radiocarbon dating** of tooth **enamel**
carbonate)
IT Tooth
(**enamel**, archaeol.; **radiocarbon dating** of
tooth **enamel** carbonate)
IT Geological age determination
(radiocarbon, **radiocarbon dating** of tooth
enamel carbonate)

L2 16 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI ESR dating of tooth **enamel** from Aterian levels at Mugharet el
'Aliya (Tangier, Morocco).
IT Methods & Equipment
chronometric dating: applied and field techniques; electron spin
resonance dating [ESR dating]: applied and field techniques;
radiocarbon dating: applied and field techniques
IT Miscellaneous Descriptors
Early Uptake model [EU model]; Linear Uptake model [LU model];
Mousterian-to-Aterian transition; Paleolithic; sand deposition

L2 16 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN
CC 20-3 (History, Education, and Documentation)
Section cross-reference(s): 11, 18, 53
TI Environmentally driven dietary adaptations in African mammals
ST paleontol dietary adaptation grassland mammal evolution carbon isotopic
analysis
IT Embryophyta
(C3 plant; environmentally driven dietary adaptations in African
mammals)
IT Embryophyta
(C4 plant; environmentally driven dietary adaptations in African
mammals)
IT Tooth
(**enamel**; environmentally driven dietary adaptations in African
mammals)
IT Adaptation, animal
(environmentally driven dietary adaptations in African mammals)
IT Diet
Ecology
Elephantidae

Equidae
Extinction, biological
Fossils
Geological age (relative)
Giraffidae
Gomphotherium
Grasslands
Paleontology
Photosynthesis, biological
Radiocarbon age

Radiocarbon dating

Stratigraphy

Suidae

(environmentally riven dietary adaptations in African mammals)

IT Isotopes

RL: OCU (Occurrence, unclassified); OCCU (Occurrence)

(environmentally riven dietary adaptations in African mammals)

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CC 20-0 (History, Education, and Documentation)

Section cross-reference(s): 8, 13

TI "Isotope language" of the Alpine Iceman investigated with AMS and MS

ST review archaeol isotope tooth bone intestine Alpine Iceman migration

IT Minerals, biological studies

RL: BSU (Biological study, unclassified); BIOL (Biological study)

(biominerals; use of stable and radioactive isotopes to elucidate

Alpine Iceman)

IT Intestine

(contents of; use of stable and radioactive isotopes to elucidate

Alpine Iceman)

IT Tooth

(enamel; use of stable and radioactive isotopes to elucidate

Alpine Iceman)

IT Behavior

(migratory, human; use of stable and radioactive isotopes to elucidate

Alpine Iceman)

IT Archaeology

Bone

Human

Radiocarbon dating

Soils

Waters

(use of stable and radioactive isotopes to elucidate Alpine Iceman)

IT Isotopes

Radionuclides, biological studies

RL: BSU (Biological study, unclassified); BIOL (Biological study)

(use of stable and radioactive isotopes to elucidate Alpine Iceman)

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CC 20-3 (History, Education, and Documentation)

TI Age estimation from a tooth dated ca. 3,000 B.C. by racemization of amino acid

ST tooth age estn aspartate racemization; ancient man age estn tooth aspartate

IT Anthropology

Bone

Longevity

Racemization

Radiocarbon dating

Tooth

(age estimation from a tooth dated ca. 3,000 B.C. by racemization of amino acid)

IT Amino acids, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES

(Uses)

(age estimation from a tooth dated ca. 3,000 B.C. by racemization of amino acid)

IT 56-84-8, L-Aspartic acid, biological studies 1783-96-6, D-Aspartic acid
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
 (Uses)
 (age estimation from a tooth dated ca. 3,000 B.C. by racemization of amino acid)

L2 16 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN
 CC 6 (Biochemical Methods)
 TI Radiocarbon: analysis of inorganic carbon of fossil bone and
enamel
 ST radioanal fossils; fossils radioanal; **carbon dating**
 fossil bone; dating carbon fossil bone; bone fossil **carbon**
dating; apatite radiocarbon anal; calcium carbonate radiocarbon
 anal
 IT Fossils
 (carbon isotope determination in bone and **enamel**)
 IT Teeth
 (**enamel**, carbon isotope determination in fossil)
 IT 1306-05-4
 RL: ANST (Analytical study)
 (carbon isotope determination in, of fossil bone)
 IT 7440-44-0D, Carbon, isotopes of, analysis
 RL: ANT (Analyte); ANST (Analytical study)
 (determination of, in fossil bones and **enamel**)

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 TI A contribution to the nutritional history of prehistoric Sardinia (Italy):
 Preliminary results of isotopic analyses of bone collagen, bone apatite
 and tooth **enamel**.
 IT Methods & Equipment
 DNA analysis: genetic techniques, laboratory techniques; Kiel
 individual acid bath system: laboratory techniques; isotopic analysis:
 laboratory techniques; mass spectrometry: laboratory techniques,
 spectrum analysis techniques; **radiocarbon dating**:
 applied and field techniques
 IT Miscellaneous Descriptors
 Bronze Age; University of South Florida [USF]; agriculture; coastal
 sites; farming; fishing; herding; inland sites; mobility patterns;
 nutritional history; pastoralism; prehistoric societies;
 socioeconomics; subsistence strategies

NOT ALL FILES IN THE CURRENT ENVIRONMENT ALLOW THE USE OF SCAN
 ALL ELIGIBLE ANSWERS HAVE BEEN SCANNED

=> ind all

FILE 'ENCOMPLIT2' ACCESS NOT AUTHORIZED

FILE 'ENCOMPPAT2' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

11.13

14.56

INDEX '1MOBILITY, 2MOBILITY, ABI-INFORM, ADISCTI, AEROSPACE, AGRICOLA,
 ALUMINIUM, ANABSTR, ANTE, APOLLIT, AQUALINE, AQUASCI, AQUIRE, BABS,
 BIBLIODATA, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS,
 BIOTECHDS, BIOTECHNO, BLLDB, CABA, CANCERLIT, ...'

ENTERED AT 11:50:45 ON 07 DEC 2005

144 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
 search error messages that display as 0* with SET DETAIL OFF.

=> s (carbon(w)dating or radiocarbon(w)dating) AND (skin or blood or brain)

```
      4 FILE ABI-INFORM
      2 FILE AQUASCI
     13 FILE BIOSIS
      1 FILE BIOTECHNO
22 FILES SEARCHED...
      9 FILE CAPLUS
      1 FILE CROPU
45 FILES SEARCHED...
      3 FILE EMBASE
      2 FILE ENERGY
61 FILES SEARCHED...
      1 FILE ESBIODBASE
      3 FILE GEOREF
76 FILES SEARCHED...
      2 FILE INIS
      1 FILE INSPEC
      2 FILE JICST-EPLUS
      1 FILE LIFESCI
      1 FILE MEDLINE
97 FILES SEARCHED...
      3 FILE NLDB
      1 FILE OCEAN
      1 FILE PASCAL
      3 FILE PCTFULL
117 FILES SEARCHED...
     15 FILE PROMT
      6 FILE SCISEARCH
      1 FILE TEXTILETECH
      2 FILE TOXCENTER
      9 FILE USPATFULL
      1 FILE USPAT2
139 FILES SEARCHED...
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25 FILES HAVE ONE OR MORE ANSWERS, 144 FILES SEARCHED IN STNINDEX

L3 QUE (CARBON(W) DATING OR RADIOCARBON(W) DATING) AND (SKIN OR BLOOD OR BRAIN)

=> d rank all

F1	15	PROMT
F2	13	BIOSIS
F3	9	CAPLUS
F4	9	USPATFULL
F5	6	SCISEARCH
F6	4	ABI-INFORM
F7	3	EMBASE
F8	3	GEOREF
F9	3	NLDB
F10	3	PCTFULL
F11	2	AQUASCI
F12	2	ENERGY
F13	2	INIS
F14	2	JICST-EPLUS
F15	2	TOXCENTER
F16	1	BIOTECHNO
F17	1	CROPU
F18	1	ESBIODBASE
F19	1	INSPEC
F20	1	LIFESCI
F21	1	MEDLINE
F22	1	OCEAN
F23	1	PASCAL
F24	1	TEXTILETECH
F25	1	USPAT2

F26	0	1MOBILITY
F27	0	2MOBILITY
F28	0	ADISCTI
F29	0	AEROSPACE
F30	0	AGRICOLA
F31	0	ALUMINIUM
F32	0	ANABSTR
F33	0	ANTE
F34	0	APOLLIT
F35	0	AQUALINE
F36	0	AQUIRE
F37	0	BABS
F38	0	BIBLIODATA
F39	0	BIOBUSINESS
F40	0	BIOCOMMERCE
F41	0	BIOENG
F42	0	BIOTECHABS
F43	0	BIOTECHDS
F44	0	BLLDB
F45	0	CABA
F46	0	CANCERLIT
F47	0	CAOLD
F48	0	CASREACT
F49	0	CBNB
F50	0	CEABA-VTB
F51	0	CEN
F52	0	CERAB
F53	0	CHEMINFORMRX
F54	0	CHEMSAFE
F55	0	CIN
F56	0	CIVILENG
F57	0	COMPENDEX
F58	0	COMPUAB
F59	0	COMPUSCIENCE
F60	0	CONFSCI
F61	0	COPPERLIT
F62	0	CORROSION
F63	0	CROPB
F64	0	CSNB
F65	0	DDFB
F66	0	DDFU
F67	0	DETERM
F68	0	DGENE
F69	0	DISSABS
F70	0	DKF
F71	0	DPCI
F72	0	DRUGB
F73	0	DRUGU
F74	0	ELCOM
F75	0	EMA
F76	0	EMBAL
F77	0	ENCOMPLIT
F78	0	ENCOMPPAT
F79	0	ENTEC
F80	0	ENVIROENG
F81	0	EPFULL
F82	0	FOMAD
F83	0	FORIS
F84	0	FRANCEPAT
F85	0	FRFULL
F86	0	FROSTI
F87	0	FSTA
F88	0	GBFULL
F89	0	GENBANK
F90	0	HEALSAFE

F91	0	ICONDA
F92	0	IFICLS
F93	0	IFIPAT
F94	0	IMSDRUGNEWS
F95	0	INFODATA
F96	0	INPADOC
F97	0	INSPHYS
F98	0	INVESTEXT
F99	0	IPA
F100	0	ITRD
F101	0	JAPIO
F102	0	KOREAPAT
F103	0	KOSMET
F104	0	LISA
F105	0	MATBUS
F106	0	MATH
F107	0	MECHENG
F108	0	METADEX
F109	0	NAPRALERT
F110	0	NIOSHTIC
F111	0	NTIS
F112	0	NUTRACEUT
F113	0	PAPERCHEM2
F114	0	PATDD
F115	0	PATDPA
F116	0	PATDPAFULL
F117	0	PATDPASPC
F118	0	PCTGEN
F119	0	PHARMAML
F120	0	PHIC
F121	0	PHIN
F122	0	PIRA
F123	0	POLLUAB
F124	0	RAPRA
F125	0	RSWB
F126	0	RUSSIAPAT
F127	0	SOLIDSTATE
F128	0	SOLIS
F129	0	SYNTHLINE
F130	0	TEMA
F131	0	TRIBO
F132	0	TULSA
F133	0	TULSA2
F134	0	UFORDAT
F135	0	ULIDAT
F136	0	VETB
F137	0	VETU
F138	0	WATER
F139	0	WELDASEARCH
F140	0	WPIDS
F141	0	WPIFV
F142	0	WPINDEX
F143	0	WSCA
F144	0	WTEXTILES

=> FIL STNGUIDE

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

2.95

17.51

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AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Dec 2, 2005 (20051202/UP).

=> file biosis caplus aquasci
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.12	17.63

FULL ESTIMATED COST

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FILE 'AQUASCI' ENTERED AT 11:54:32 ON 07 DEC 2005
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=> s (carbon(w)dating or radiocarbon(w)dating) AND (skin or blood or brain)
L4 24 (CARBON(W) DATING OR RADIOCARBON(W) DATING) AND (SKIN OR BLOOD
OR BRAIN)

=> dup rem
ENTER L# LIST OR (END):14
PROCESSING COMPLETED FOR L4
L5 24 DUP REM L4 (0 DUPLICATES REMOVED)

=> d scan

L5 24 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI A NEW FIND OF A MAMMOTH ON CHUKOTSKII PENINSULA RUSSIAN SFSR USSR.
IT Miscellaneous Descriptors
PALYNOLOGICAL ANALYSIS **RADIOCARBON DATING**
SKIN MUSCLE CONNECTIVE TISSUE; Fossil

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):23

L5 24 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN
TI Identifying the binder in ancient Texas rock paintings.

L5 24 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN
CC 9-0 (Biochemical Methods)
Section cross-reference(s): 20
TI Archeo-cell biology: **Carbon dating** is not just for
pots and dinosaurs
ST review retrospective birth dating cell carbon 14 DNA; **brain**
neuron retrospective birth dating carbon 14 DNA review
IT **Brain**
(cerebellum; retrospective birth dating of cells in humans based on 14C
in genomic DNA related to nuclear weapons testing time points)
IT **Brain**
(cerebral cortex; retrospective birth dating of cells in humans based
on 14C in genomic DNA related to nuclear weapons testing time points)
IT Animal cell
Cell proliferation
Human
Neurogenesis
Neuron
Nuclear weapons
Radioactive fallout
Radioactive pollution
Radiocarbon dating
Radiochemical analysis

(retrospective birth dating of cells in humans based on 14C in genomic DNA related to nuclear weapons testing time points)

IT DNA
 RL: ANT (Analyte); PRP (Properties); ANST (Analytical study)
 (retrospective birth dating of cells in humans based on 14C in genomic DNA related to nuclear weapons testing time points)

IT 14762-75-5, analysis
 RL: ANT (Analyte); BUU (Biological use, unclassified); ANST (Analytical study); BIOL (Biological study); USES (Uses)
 (retrospective birth dating of cells in humans based on 14C in genomic DNA related to nuclear weapons testing time points)

L5 24 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI A RADIOLOGICAL AND HISTOLOGICAL INVESTIGATION INTO THE MUMMIFICATION OF CATS FROM ANCIENT EGYPT.

IT Miscellaneous Descriptors
 FELIS-CHAUS FELIS-SILVESTRI-SILVIA FELIS-BUBASTIS AGE AT DEATH
 SKIN HAIR RADIO CARBON DATING ELECTRON
 MICROSCOPY BRITISH MUSEUM OF NATURAL HISTORY UK

L5 24 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN
 CC 20-3 (History, Education, and Documentation)
 TI Updating recent studies on the Shroud of Turin
 ST ancient textile Shroud Turin dating
 IT Archaeology
 (radiocarbon dating and anal. of Shroud of Turin)

IT Textiles
 (archaeol., radiocarbon dating and anal. of Shroud of Turin)

IT Geological age determination
 (radiocarbon, radiocarbon dating and anal. of Shroud of Turin)

L5 24 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI Histological analysis on the medieval mummy in Korea.

IT Methods & Equipment
 histological analysis: histology and cytology techniques, laboratory techniques; radiocarbon dating: applied and field techniques

IT Miscellaneous Descriptors
 Chosun Dynasty; medieval mummy

L5 24 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI METHUEN STUDIES IN SCIENCE RADIOACTIVITY AND THE LIFE SCIENCES.

IT Miscellaneous Descriptors
 HUMAN RADIOLOGICAL PROTECTION EXTRATERRESTRIAL RADIOACTIVITY
 BLOOD CIRCULATION STUDIES KIDNEY FUNCTION DETERMINATION ISOTOPE
 THERAPY THYROID UPTAKE TEST LIQUID SCINTILLATION COUNTING RADIO
 CARBON DATING PHOTOSYNTHESIS PEST CONTROL FOOD
 PRESERVATION

L5 24 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI THE INCREASE OF TRACE-GAS CONCENTRATION IN THE ATMOSPHERE CAN WE AFFORD TO IGNORE IT?.

IT Miscellaneous Descriptors
 HUMAN SKIN CANCER DENDROCHRONOLOGY GLOBAL WARMING
 RADIOCARBON DATING AIR POLLUTION CHLOROFLUOROCARBON
 OZONE LAYER UV RADIATION

L5 24 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI Methods for the study of ancient hair: Radiocarbon dates and gene sequences from individual hairs.

IT Methods & Equipment
 accelerator mass spectrometry radiocarbon dating:
 dating method; radiocarbon dating: dating method

L5 24 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN
 CC 9-8 (Biochemical Methods)
 Section cross-reference(s): 20
 TI Retrospective birth dating of cells in humans
 ST retrospective birth dating cell carbon 14 DNA nuclear testing;
brain neuron retrospective birth dating carbon 14 DNA
 IT **Brain**
 (cerebellum; retrospective birth dating of cells in humans based on 14C
 in genomic DNA related to nuclear weapons testing time points)
 IT **Brain**
 (cerebral cortex; retrospective birth dating of cells in humans based
 on 14C in genomic DNA related to nuclear weapons testing time points)
 IT Animal cell
 Cell proliferation
 Human
 Neurogenesis
 Neuron
 Nuclear weapons
 Radioactive fallout
 Radioactive pollution
Radiocarbon dating
 Radiochemical analysis
 (retrospective birth dating of cells in humans based on 14C in genomic
 DNA related to nuclear weapons testing time points)
 IT DNA
 RL: ANT (Analyte); PRP (Properties); ANST (Analytical study)
 (retrospective birth dating of cells in humans based on 14C in genomic
 DNA related to nuclear weapons testing time points)
 IT 14762-75-5, analysis
 RL: ANT (Analyte); BUU (Biological use, unclassified); ANST (Analytical
 study); BIOL (Biological study); USES (Uses)
 (retrospective birth dating of cells in humans based on 14C in genomic
 DNA related to nuclear weapons testing time points)

L5 24 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN
 CC 20-3 (History, Education, and Documentation)
 TI Anatomical, cellular and molecular analysis of 8,000-yr-old human
brain tissue from the Windover archaeological site
 ST ancient **brain** tissue mol analysis; **radiocarbon**
dating archaeol human bone; DNA archaeol human tissue
 IT Archaeology
 (human bone and **brain** tissue anal. in relation to)
 IT Deoxyribonucleic acids
 RL: PROC (Process)
 (of ancient human **brain**, anal. of)
 IT Deoxyribonucleic acid sequences
 (of ancient human **brain**, identification of)
 IT Bone
Brain
 (of ancient human, anatomical, cellular, and mol. anal. of)

L5 24 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI Carcass of a bowhead whale (*Balaena mysticetus*) found in the lateral
 moraine of the Jemelianovbreen glacier, eastern Svalbard.
 IT Miscellaneous Descriptors
 CARCASS; ICE-FLOW; JEMELIANOVGREEN GLACIER; LATERAL MORaine; LITTLE ICE
 AGE; SEDIMENT BANDS; SVALBARD; ZOOLOGY

L5 24 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI Dating bog bodies by means of 14C-AMS.
 IT Methods & Equipment
 accelerated mass spectrometry [AMS]: laboratory techniques, spectrum
 analysis techniques; carbon-14 dating [**radiocarbon**
dating]: applied and field techniques

IT Miscellaneous Descriptors
human bodies [human corpses]; leather; peat bogs; textiles; wood

L5 24 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI POST-MAZAMA NATRARGIDS IN DIXIE VALLEY NEVADA USA.

IT Miscellaneous Descriptors
TORRIFLUVENT TORRIORTHENT PRECIPITATION RADIO **CARBON**
DATING ARID SOIL NATRIC HORIZON QUATERNARY BASIN FILL VOLCANIC
ASH TEMPERATURE/

L5 24 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI 8000-YEAR-OLD **BRAIN** TISSUE FROM THE WINDOVER SITE FLORIDA USA
ANATOMICAL CELLULAR AND MOLECULAR ANALYSIS.

IT Miscellaneous Descriptors
HUMAN MITOCHONDRIAL DNA OSTEOLOGY CULTURAL MATERIAL **RADIOCARBON**
DATING HISTOLOGY POPULATION GENETICS APPLICATION

L5 24 ANSWERS (c) 2005 FAO (on behalf of the ASFA Advisory Board) All rights reserved.
TI Coastal uplift, earthquakes and active faulting of Rhodes Island (Aegean Arc): modeling based on geodetic inversion
CC 2266 TECTONICS AND CRUSTAL STRUCTURE
CT Oceanic islands; Tectonics; Uplift; Earthquakes; Faults; Seismology
UT Modelling; Greece, Aegean Islands, Dodecanese, Rhodes
GT MED, Greece, Notio Aigaio, Dodekanisos, Rodos; MED, Aegean Sea

L5 24 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN
CC 2 (General and Physical Chemistry)
TI Low angle x-ray analysis with counting tubes connected in anticoincidence
IT Globulins
(blood-serum γ -, x-ray low-angle scattering of)
IT Counters
(for x-ray analysis, in anticoincidence)
IT X-rays
(scattering of, analysis of, with counting tubes in anticoincidence)

L5 24 ANSWERS (c) 2005 FAO (on behalf of the ASFA Advisory Board) All rights reserved.
TI Origin of the lethal gas burst from Lake Monoun, Cameroun.
CC 2187 GEOCHEMISTRY OF SEDIMENTS
CT disasters; geological hazards; freshwater lakes; lake dynamics; carbon dioxide; **radiocarbon dating**; gases
GT Cameroon, Monoun L.

L5 24 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Two late-Glacial avifaunas from eastern North Island, New Zealand: Te Aute Swamp and Wheturau Quarry.
IT Methods & Equipment
radiocarbon dating: dating method
IT Miscellaneous Descriptors
open shrubland; paleoenvironment; Fossil

L5 24 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN
CC 20-3 (History, Education, and Documentation)
Section cross-reference(s): 79
TI The mystery of the Persian mummy: original or fake?
ST archaeol **radiocarbon dating** Persian mummy AMS Soxhlet
extn authenticity
IT Extraction
(Soxhlet; ^{14}C dating of Persian mummy)
IT Cadaver
(mummy; ^{14}C dating of Persian mummy)
IT Accelerator mass spectrometry
Archaeology
Bone

Muscle
 Radiocarbon age
 Radiocarbon dating
 Skin
 Straw
 Textiles
 (14C dating of Persian mummy)
 IT Charcoal
 Collagens, analysis
 Waxes
 RL: ANT (Analyte); ANST (Analytical study)
 (14C dating of Persian mummy)
 IT 14762-75-5, Carbon-14, occurrence
 RL: OCU (Occurrence, unclassified); OCCU (Occurrence)
 (14C dating of Persian mummy)

L5 24 ANSWERS CAPLUS COPYRIGHT 2005 ACS on STN
 CC 9-4 (Biochemical Methods)
 Section cross-reference(s): 76
 TI Some interesting measurements with quadrupole mass spectrometers
 ST mass spectroscopy biol application
 IT **Blood analysis**
 (carbon dioxide and oxygen determination in, by mass spectroscopy)
 IT Mass spectra
 (of dichloroketone and halothane)
 IT Mass spectroscopy
 (quadrupole, biol applications of)
 IT 124-38-9, analysis 7782-44-7, analysis
 RL: ANT (Analyte); ANST (Analytical study)
 (determination of, in **blood** and fermentors by quadrupole mass
 spectroscopy)
 IT 7727-37-9, analysis
 RL: ANT (Analyte); ANST (Analytical study)
 (determination of, in fermenter by mass spectroscopy)
 IT 79-37-8 151-67-7
 RL: PRP (Properties)
 (mass spectrum of)

L5 24 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI Human beta-globin gene on ancient artifacts.
 IT Miscellaneous Descriptors
 BACKSCATTERED ELECTRON MICROSCOPY; **BLOOD DEPOSIT**; DNA
 CLONING; DNA HYBRIDIZATION; IMMUNOHISTOCHEMISTRY; MASS SPECTROMETRY;
 MEETING ABSTRACT; **RADIOCARBON DATING**

L5 24 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI Pre-Columbian treponemal disease from 14th century AD Safed, Israel, and
 implications for the medieval eastern Mediterranean.
 IT Miscellaneous Descriptors
 Medieval times

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 CC 48 (Unit Operations and Processes)
 TI Radiotracer technique. II. Applications
 ST CESIUM IN SEA WATER TECHNIQUES; CORROSION RADIOTRACER TECHNIQUES; REVIEW
 RADIOTRACER TECHNIQUES USES; ARSENIC IN **BLOOD** RADIOTRACER TECH;
 RADIOCARBON DATING; WEAR RADIOTRACER TECHNIQUES;
 RADIOTRACER TECHNIQUES USES REVIEW; DIFFUSION RADIOTRACER TECHNIQUES
 IT Isotopes
 RL: USES (Uses)
 (as indicators)

ALL ANSWERS HAVE BEEN SCANNED

=> ind all
FILE 'ENCOMPLIT2' ACCESS NOT AUTHORIZED
FILE 'ENCOMPPAT2' ACCESS NOT AUTHORIZED
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
15.66	33.29

FULL ESTIMATED COST

INDEX '1MOBILITY, 2MOBILITY, ABI-INFORM, ADISCTI, AEROSPACE, AGRICOLA,
ALUMINIUM, ANABSTR, ANTE, APOLLIT, AQUALINE, AQUASCI, AQUIRE, BABS,
BIBLIODATA, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS,
BIOTECHDS, BIOTECHNO, BLLDB, CABA, CANCERLIT, ...'
ENTERED AT 11:55:16 ON 07 DEC 2005

144 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> s (carbon(w)dating or radiocarbon(w)dating) AND (DNA or "nucleic acid" or RNA)

2 FILE AGRICOLA
1 FILE ANABSTR
1 FILE AQUASCI
2 FILE BIOENG
27 FILE BIOSIS

19 FILES SEARCHED...
1 FILE BIOTECHABS
1 FILE BIOTECHDS
4 FILE BIOTECHNO
3 FILE CABA
15 FILE CAPLUS

27 FILES SEARCHED...
2 FILE COMPENDEX

<-----User Break----->

=> file biosis caplus
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
2.95	36.24

FULL ESTIMATED COST

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=> s (carbon(w)dating or radiocarbon(w)dating) AND (DNA or "nucleic acid" or RNA)

<-----User Break----->

SEARCH ENDED BY USER

L6 27 (CARBON(W) DATING OR RADIOCARBON(W) DATING) AND (DNA OR "NUCLEIC
ACID" OR RNA)

=> d scan

L6 27 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Life span and biomass allocation of stunted black spruce clones in the
subarctic environment.

IT Miscellaneous Descriptors
aboveground biomass; belowground biomass; biomass allocation; clonal
growth habit; krummholz; layering; leaf:wood ratio; life span;
longevity; senescence; stand age; subarctic environment; surface area;
tree line

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):26

L6 27 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI The Neandertal type site revisited: Interdisciplinary investigations of
skeletal remains from the Neander Valley, Germany.
IT Methods & Equipment
accelerator mass spectrometry **radiocarbon dating**:
dating method; mitochondrial **DNA** analysis: genetic method
IT Miscellaneous Descriptors
Neandertal type site; skeletal remains

L6 27 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Takaka Fossil Cave: A stratified Late Glacial to Late Holocene deposit
from Takaka Hill, New Zealand.
IT Methods & Equipment
radiocarbon dating: laboratory techniques
IT Miscellaneous Descriptors
paleoenvironment; pitfall trap

L6 27 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Pleistocene brown bears in the mid-continent of North America.
IT Sequence Data
AY796010: DDBJ, EMBL, GenBank, amino acid sequence, nucleotide
sequence; AY796011: DDBJ, EMBL, GenBank, amino acid sequence,
nucleotide sequence
IT Methods & Equipment
biogeographic model: applied and field techniques, mathematical and
computer techniques; cladistic analysis: mathematical and computer
techniques; **radiocarbon dating**: applied and field
techniques
IT Miscellaneous Descriptors
ice-free corridor; mid-continental corridor; mid-continental migration

L6 27 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Damaliscus niro horns from Wonderwerk Cave and other Pleistocene sites:
morphological and chronological considerations.
IT Methods & Equipment
radiocarbon dating: laboratory techniques
IT Miscellaneous Descriptors
guano-mining operation

L6 27 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Archeo-cell biology: **Carbon dating** is not just for
pots and dinosaurs.
IT Methods & Equipment
carbon-14 dating: laboratory techniques
IT Miscellaneous Descriptors
life span; birth dating

L6 27 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Human beta-globin gene on ancient artifacts.
IT Miscellaneous Descriptors
BACKSCATTERED ELECTRON MICROSCOPY; BLOOD DEPOSIT; **DNA**
CLONING; **DNA** HYBRIDIZATION; IMMUNOHISTOCHEMISTRY; MASS
SPECTROMETRY; MEETING ABSTRACT; **RADIOCARBON DATING**

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TI A molecular analysis of ground sloth diet through the last glaciation.
IT Methods & Equipment
molecular analysis: analytical method; **radiocarbon**
dating: dating method
IT Miscellaneous Descriptors
GenBank; coprolite; diet

L6 27 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

TI Brief communication: Molecular analysis of the Kwaday Dan Ts'inchí ancient remains found in a glacier in Canada.

IT Methods & Equipment
polymerase chain reaction: analytical method; **radiocarbon dating**: dating method; restriction enzyme analysis: analytical method

IT Miscellaneous Descriptors
Kwaday Dan Ts'inchí ancient remains

L6 27 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

TI Paleoecological and genetic analyses provide evidence for recent colonization of native *Phragmites australis* populations in a Lake Superior wetland.

IT Methods & Equipment
genetic analysis: genetic techniques, laboratory techniques; **radiocarbon dating**: applied and field techniques

IT Miscellaneous Descriptors
anthropogenic impact; biodiversity conservation; coastal wetland; community composition change; environmental change; genetic variation; inland wetland community integrity; macrofossil record; native population expansion; paleoecology; palynology; recent colonization; stratigraphic change; wetlands ecology

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TI Close genetic relationship of early Neolithic cattle from Ziegelberg (Freising, Germany) with modern breeds.

IT Methods & Equipment
nested PCR [nested polymerase chain reaction]: genetic techniques, laboratory techniques; **radiocarbon dating**: laboratory techniques; touchdown PCR [touchdown polymerase chain reaction]: genetic techniques, laboratory techniques

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TI A late Neandertal femur from Les Rochers-de-Villeneuve, France.

IT Methods & Equipment
radiocarbon dating: laboratory techniques

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TI ISOLATION AND CHARACTERIZATION OF DNA FROM TISSUE OF THE WOOLLY MAMMOTH *MAMMUTHUS-PRIMIGENIUS*.

IT Miscellaneous Descriptors
ASIAN ELEPHANT **RADIOCARBON DATING CHROMATOGRAPHY**
NUCLEIC-ACID HYBRIDIZATION THERMAL DENATURATION ANALYSIS HOMOLGY; Fossil

L6 27 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

TI Molecular genetic characteristics of the Neolithic population of the Baikal region: RFLP of the ancient mtDNA from osseous remains found in the Ust-Ida I burial ground.

IT Methods & Equipment
RFLP [restriction fragment length polymorphism]: DNA amplification method

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TI Methods for the study of ancient hair: Radiocarbon dates and gene sequences from individual hairs.

IT Methods & Equipment
accelerator mass spectrometry **radiocarbon dating**: dating method; **radiocarbon dating**: dating method

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TI New ages for human occupation and climatic change at Lake Mungo, Australia.

IT Methods & Equipment
radiocarbon dating: applied and field techniques;

stratigraphy: applied and field techniques

IT Miscellaneous Descriptors
adaptation; chronology; climate; cremation; ritual ochre burial

L6 27 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Current perspectives of 14C-isotope measurement in biomedical accelerator
mass spectrometry.

IT Methods & Equipment
accelerator mass spectrometry [AMS]: laboratory techniques, spectrum
analysis techniques; biomedical accelerator mass spectrometry:
laboratory techniques, spectrum analysis techniques; carbon-14 isotope
measurement: laboratory techniques

L6 27 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Mitochondrial **DNA** analysis of dental remains from two Honduran
ossuary caves.

IT Methods & Equipment
DNA extraction: laboratory techniques, genetic techniques;
radiocarbon dating: laboratory techniques

IT Miscellaneous Descriptors
genetic diversity; ossuary cave; contemporaneous

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TI Prehistoric contacts over the Straits of Gibraltar indicated by genetic
analysis of Iberian Bronze Age cattle.

IT Methods & Equipment
radiocarbon dating: laboratory techniques

IT Miscellaneous Descriptors
haplotype; prehistoric contacts; archaeological finds; farming culture

L6 27 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI LATE PLEISTOCENE PALEOECOLOGY AND ARCHAEOLOGY IN THE SOUTHERN CAPE SOUTH
AFRICA.

IT Miscellaneous Descriptors
HUMAN ANATOMICALLY MODERN PEOPLE BEHAVIOR **DNA** POLYMORPHISM
POPULATION GENETICS **RADIOCARBON DATING**

L6 27 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Molecular analysis of Neanderthal **DNA** from the northern
Caucasus.

IT Methods & Equipment
PCR [polymerase chain reaction]: **DNA** amplification method,
analytical method; phylogenetic analysis: systematic method;
radiocarbon dating: age estimation method

IT Miscellaneous Descriptors
genetic divergence; molecular diversity; Fossil

L6 27 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Ectomycorrhizal fungi introduced with exotic pine plantations induce soil
carbon depletion.

IT Miscellaneous Descriptors
paramo grassland communities; soil carbon depletion

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TI Compilation of **DNA** sequences from the Iceman's grass clothing.

IT Methods & Equipment
radiocarbon dating: applied and field techniques

IT Miscellaneous Descriptors
Neolithic; grass clothing; phylogenetic trees

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TI A contribution to the nutritional history of prehistoric Sardinia (Italy):
Preliminary results of isotopic analyses of bone collagen, bone apatite
and tooth enamel.

IT Methods & Equipment

DNA analysis: genetic techniques, laboratory techniques; Kiel individual acid bath system: laboratory techniques; isotopic analysis: laboratory techniques; mass spectrometry: laboratory techniques, spectrum analysis techniques; **radiocarbon dating**: applied and field techniques

IT Miscellaneous Descriptors

Bronze Age; University of South Florida [USF]; agriculture; coastal sites; farming; fishing; herding; inland sites; mobility patterns; nutritional history; pastoralism; prehistoric societies; socioeconomics; subsistence strategies

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TI Native Seychelles tortoises or Aldabran imports? The importance of **radiocarbon dating** for ancient DNA studies.

IT Methods & Equipment

radiocarbon dating: laboratory techniques

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TI Profile of Bruce D. Smith.

IT Methods & Equipment

scanning electron microscopy: laboratory techniques, imaging and microscopy techniques; **radiocarbon dating**: laboratory techniques; accelerator mass spectrometer: laboratory equipment; ancient DNA analysis: laboratory techniques

IT Miscellaneous Descriptors

agriculture; archaeology; Bruce D.Smith

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TI 8000-YEAR-OLD BRAIN TISSUE FROM THE WINDOVER SITE FLORIDA USA ANATOMICAL CELLULAR AND MOLECULAR ANALYSIS.

IT Miscellaneous Descriptors

HUMAN MITOCHONDRIAL DNA OSTEOLOGY CULTURAL MATERIAL
RADIOCARBON DATING HISTOLOGY POPULATION GENETICS
APPLICATION

ALL ANSWERS HAVE BEEN SCANNED

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
1.75	37.99

FULL ESTIMATED COST

Connection closed by remote host

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTASMB1637

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1	Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	"Ask CAS" for self-help around the clock
NEWS	3	SEP 09 ACD predicted properties enhanced in REGISTRY/ZREGISTRY